

How to replace rear brake pads of disc brake on Toyota Auris E15





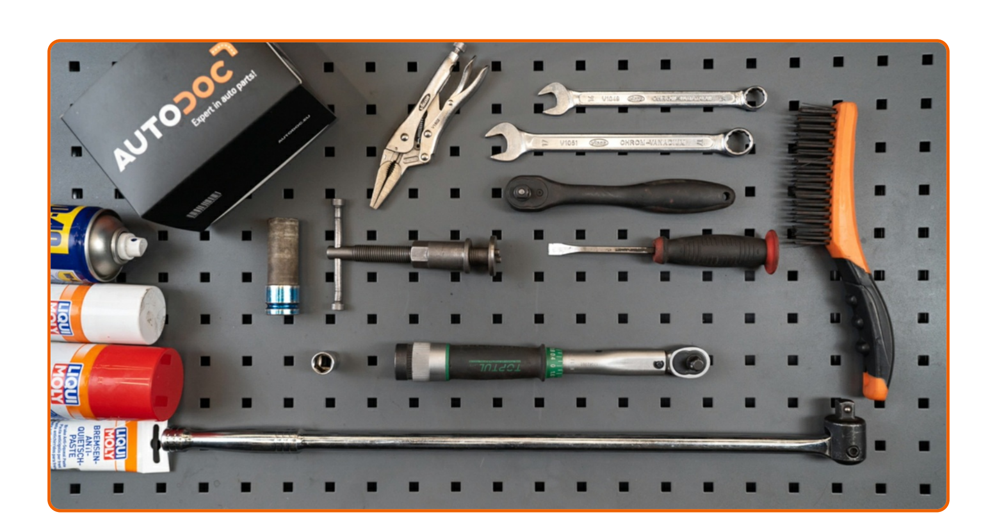
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
TOYOTA AURIS (_E15_) 1.8 Hybrid (ZWE150_), TOYOTA PRIUS (_W5_) 1.8 Hybrid (ZVW50), TOYOTA PRIUS (_W5_) 1.8 Hybrid (ZVW50_, ZVW51_)

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Combination spanner #14
- Combination spanner #17
- Drive socket # 14
- Wheel impact socket #21
- Brake caliper wind back tool
- Torque wrench
- Water pump pliers
- Crow bar
- Wheel chock

AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2

Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #21.

4



Raise the rear of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7



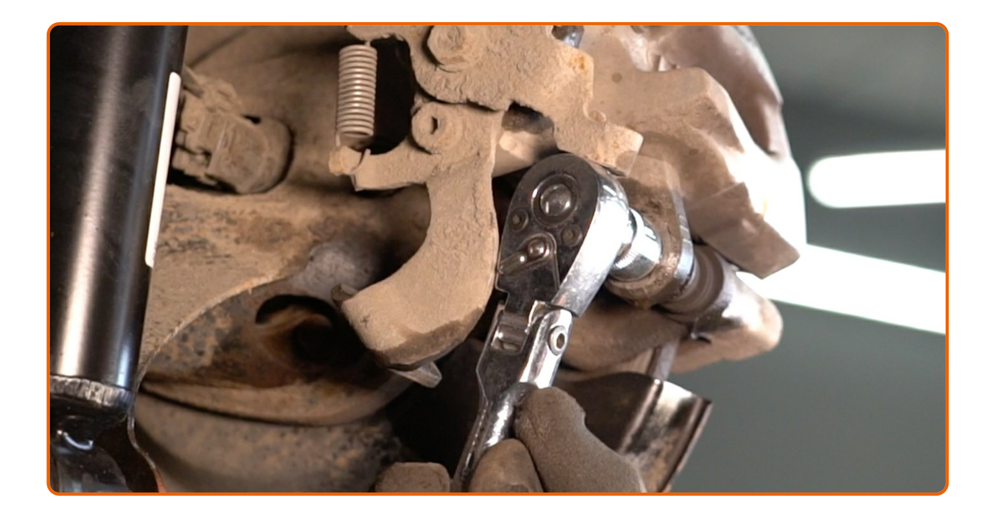
Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8



Detach the parking brake cable from the bracket on the brake caliper. Use water pump pliers.

9



Unscrew the brake caliper fastening. Use a combination spanner #14. Use a combination spanner #17.

10

Spread the brake pads. Use a crowbar.

11



Remove the brake caliper.

AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12



Remove the brake pads.



AUTODOC recommends:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

13



Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

14



Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

15



Install new brake pads.

AUTODOC recommends:

- Make sure the pads are installed with linings facing the disc.

16



Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

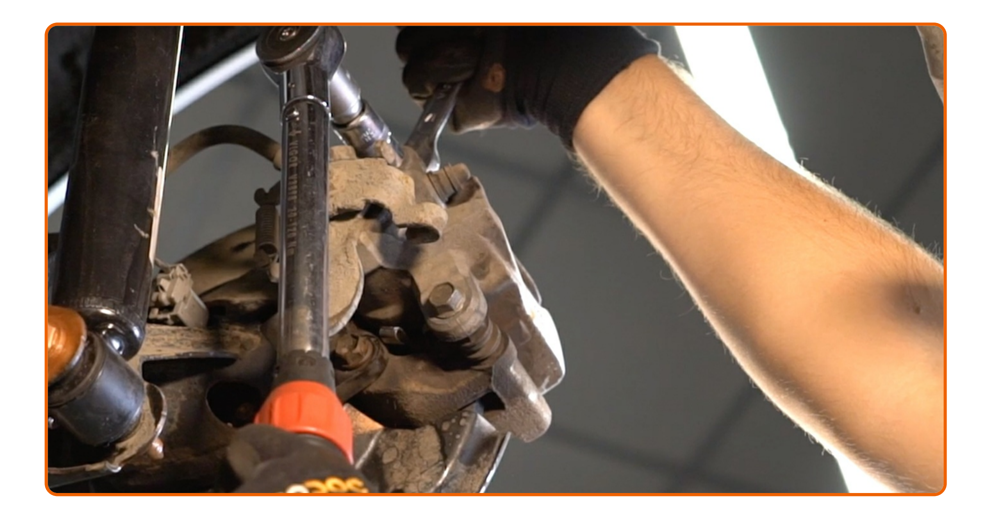
- After applying the spray, wait a few minutes.

17



Press in the brake caliper piston. Use brake caliper wind back tool.

18



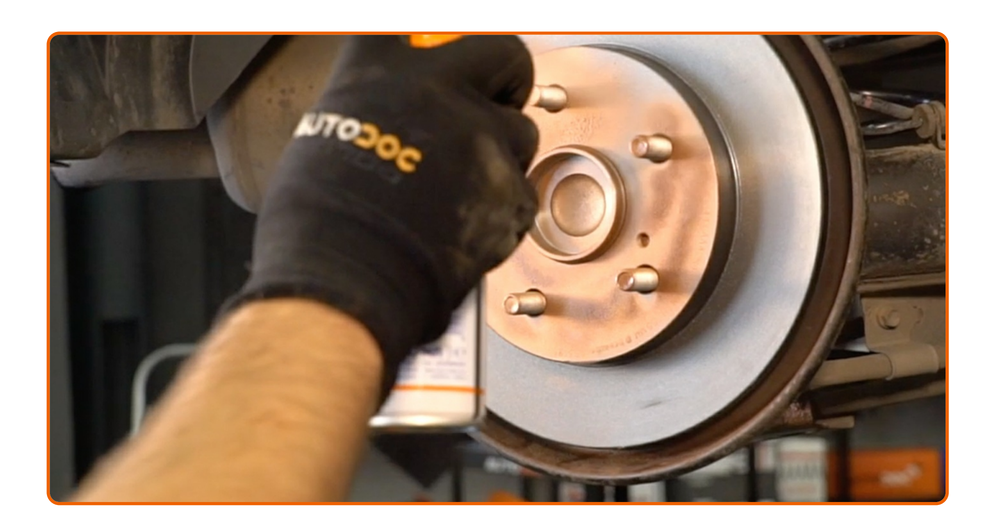
Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 35 Nm torque.

19



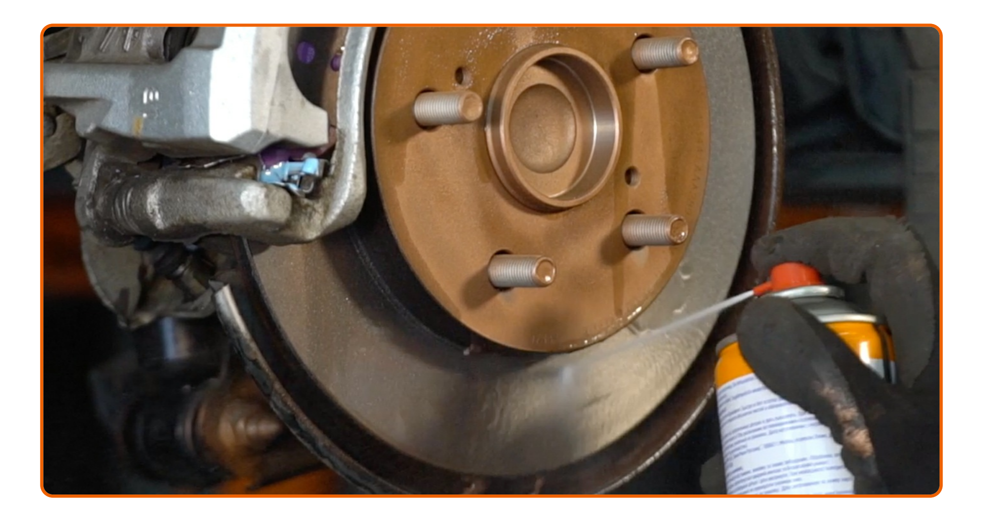
Install the parking brake cable into the brake caliper bracket.

20



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

21



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

22



Install the wheel.

AUTODOC recommends:

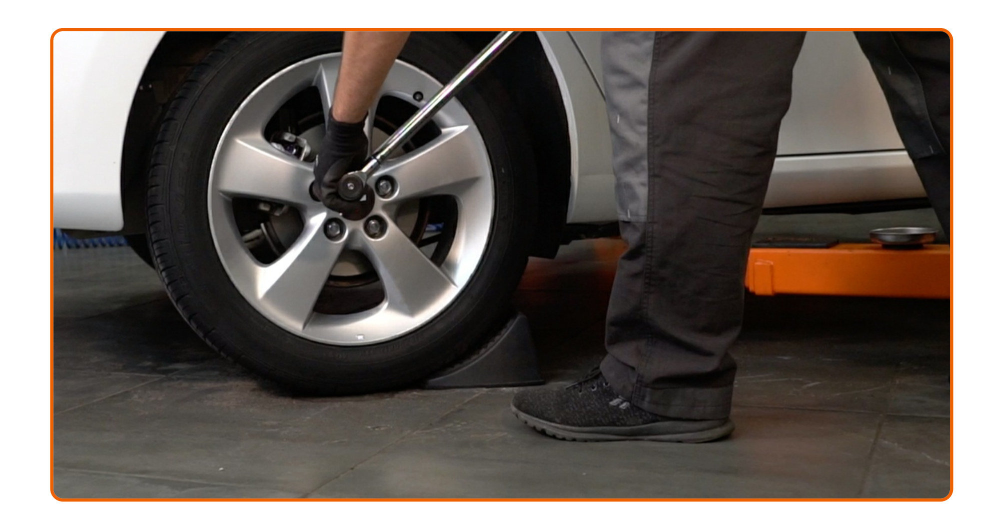
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

23



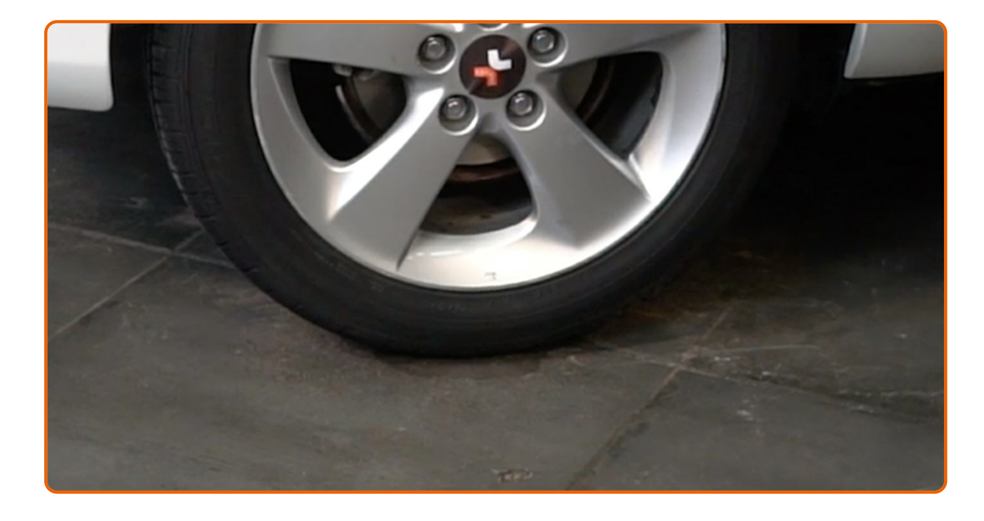
Screw in the wheel bolts. Use wheel impact socket #21.

24



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

25



Remove the jacks and chocks.

AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

26

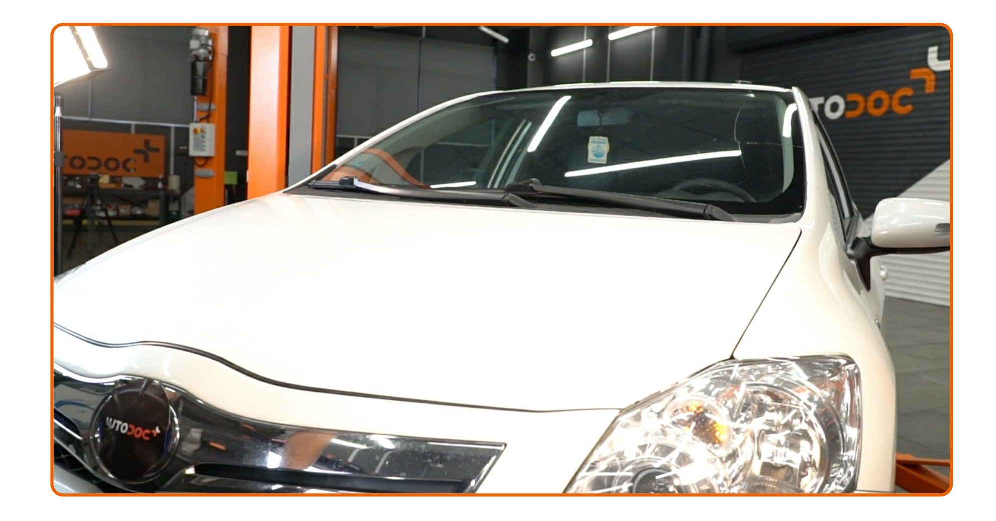


Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

27



Close the hood.

AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.



DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

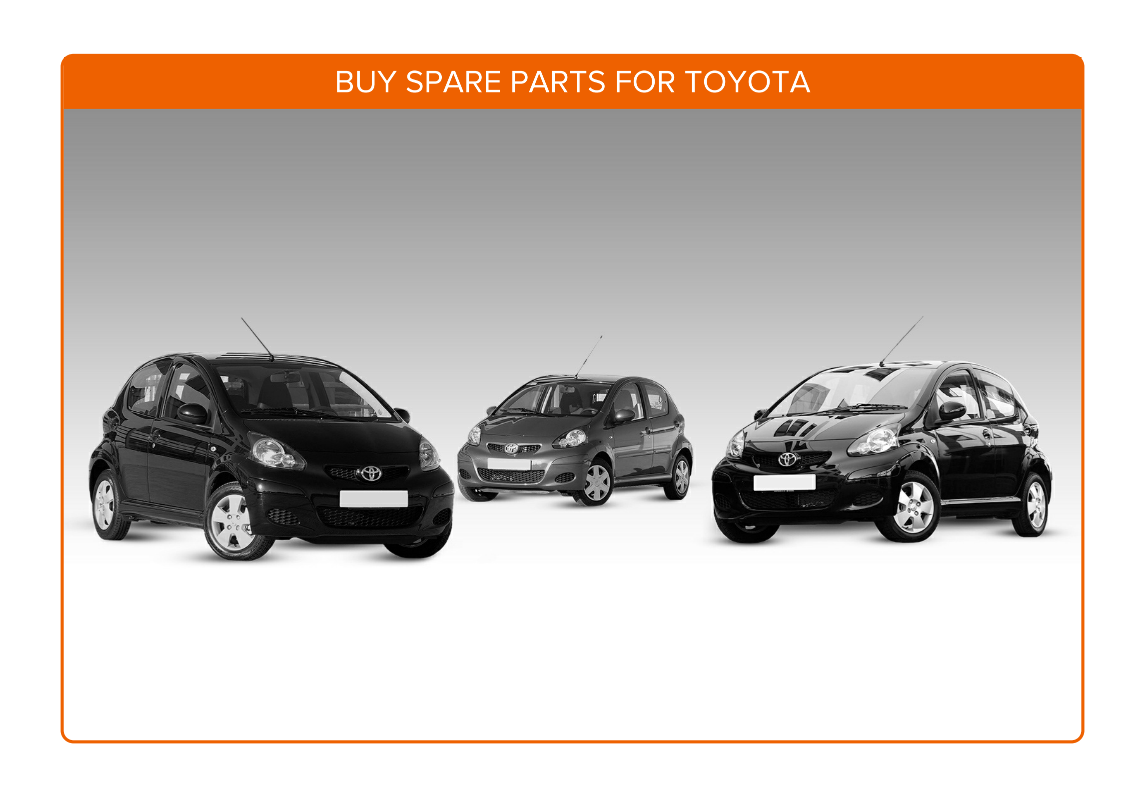


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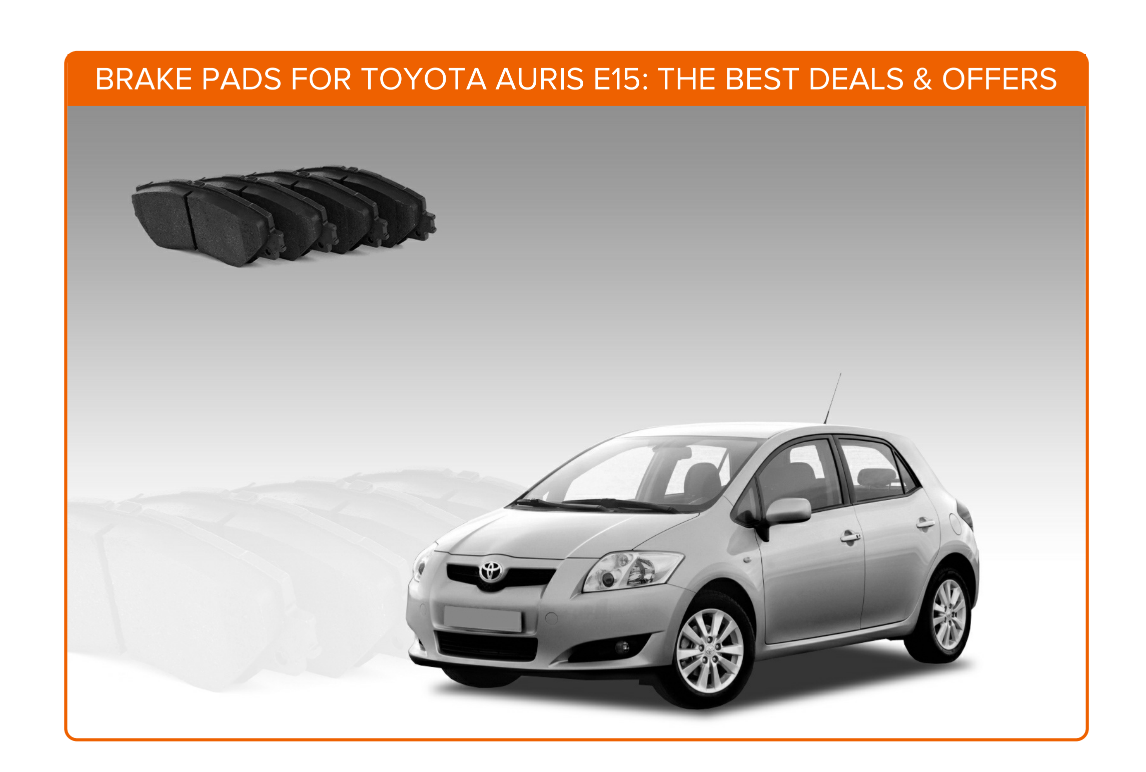




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